WEST Search History

DATE: Friday, July 11, 2003

Set Name side by side	Query	Hit Count	Set Name result set
	DB=USPT,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ		
L22	L21 same clean$ adj2 composition	6	L22
L21	L14 with (citric or citrate or malic or tartaric or lactic or glycolic or tartaric or tartronic)	2178	L21
L20	L14 with (citric or citrate or malic or tartaric or lactic or glycolic or tartaric or tartronic)	2178	L20
L19	L17 and (semiconductor or wafer or substrate)	108	L19
L18	L17 and semiconductor	1	L18
L17	L15 same composition	532	L17
L16	L15 same clean$3 composition	7	L16
L15	l14 same (citric or citrate or hydroxy adj3 propanetricarboxylic or citralite)	2744	L15
L14	(sorbic acid or sorbate or preservastat or hexadienoic or sorbistat or panasorb)	15019	L14
L13	L12 and (semiconductor or wafer or substrate)	44	L13
L12	(citrate or citric) with (sorbic or sorbate) with composition	229	L12
L11	citr$3 with (sorbic or sorbate) with composition	224	L11
L10	citr$3 with sorb$ with composition	814	L10
L9	citr$3 with sorb$ with composition	10	L9
L8	citr$3 with sorb$ with composition	814	L8
L7	composition with ((antimicrobial or antibacterial) (agent)) with cleaning agent	8	L7
L6	cleaning composition with antimicrobial agent with cleaning agent	0	L6
L5	cleaning composition with antimicrobial gent with cleaning agent	0	L5
L4	L2 and $5microbial	0	L4
L3	L2 and $3microbial	0	L3
L2	L1 and CMP	10	L2
L1	andreas-michael$.in.	20	L1

END OF SEARCH HISTORY

L13: Entry 22 of 44 File: USPT Mar 27, 1990

DOCUMENT-IDENTIFIER: US 4912021 A
TITLE: Developer-finisher compositions for lithographic plates

Brief Summary Text (2):
The present invention relates to developer-finisher compositions for photographic elements comprising photosensitive coatings on substrates, or more particularly to developer-finisher compositions for removing and desensitizing the non-image areas of exposed, usually negative working lithographic printing plates.

Brief Summary Text (3):
Lithographic printing plates generally are composed of an aluminum containing substrate which may or may not have been treated with a variety processes recognized in the art process including anodization, graining and hydrophilization. The thusly prepared substrate may then be applied with a photosensitive coating comprising a photosensitizer, binding resins, colorants, acid stabilizers, surfactants and other art recognized components. Common photosensitizers include diazo compounds, including polymeric diazonium condensates salts and photopolymerizable compositions. Sensitizers, binders and printing plates employing aromatic diazonium compounds are described in U.S. Pat. Nos. 3,175,906; 3,046,118; 2,063,631; 2,667,415; 3,867,147 and 3,679,419 which are incorporated herein by reference.

Brief Summary Text (23):
The invention further provides a method for preparing a photographic element which comprises imagewise exposing a photographic element comprising a light sensitive negative working or positive working photographic composition disposed on a substrate with sufficient actinic radiation to form a latent image and then simultaneously removing the non-image areas of said exposed element and desensitizing the non-image areas with a developer/finisher composition comprising the foregoing admixture.

Drawing Description Text (2):
As the first step in the production of photographic elements such as lithographic printing plates, a sheet substrate such as aluminum compositions suitable for the manufacture of lithographic printing plates such as, Alcoa 3003 and Alcoa 1100, which may or may not have been pretreated by standard graining and/or etching and/or anodizing techniques as are well known in the art, and also may or may not have been treated with a composition, such as polyvinyl phosphonic acid, suitable for use as a hydrophilizing layer for lithographic plates is coated with a light sensitive polymeric diazonium salt or photopolymer containing composition. Such compositions may also contain binding resins, such as polyvinyl formal resins, colorants acid stabilizers, surfactants, exposure indicators or other art recognized ingredients.

Drawing Description Text (4):
The photosensitive coating mixture is usually prepared in a solvent composition which is compatible with all the other composition ingredients. The light sensitive composition is then coated on the substrate and the solvent dried off.

CLAIMS:

20. The composition of claim 1 wherein component (a) comprises monosodium phosphate, and component (b) comprises phenoxy propanol, and component (c) comprises polyvinyl pyrrolidone, and component (d) comprises citric acid, and component (e) comprises sodium octyl sulfate, and component (f) comprises lithium benzoate, and component

(g) comprises sodium citrate and component (h) comprises potassium sorbate.